

Fig. 1

Figure 1 is a schematic diagram of a mobile phone 1. The phone has a main body 2a with a display 5 and a keypad 9. The display 5 shows a phone number +35840123 4567 and two signal strength indicators 10 and 11. The keypad 9 includes a call button 7, a power button 8, and a numeric keypad 13. A speaker 6 is located at the bottom of the phone.

Fig. 2

09715880-112000

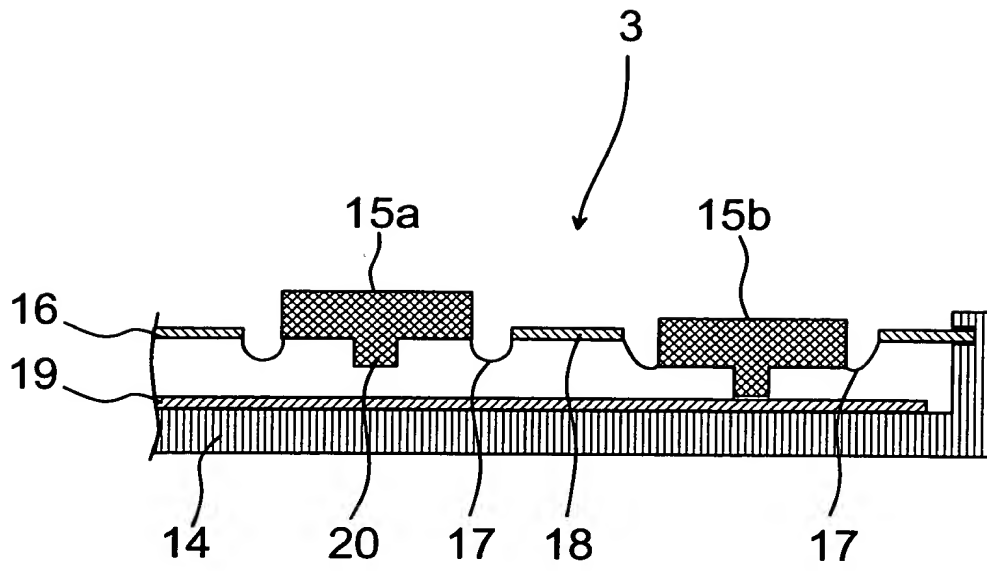


Fig. 3

The diagram illustrates a system 1. A central CPU (21) is connected to a DISPLAY (5) and a MEM (23) via bidirectional arrows. The CPU (21) is also connected to a D/A and A/D converter (22a/22b) via bidirectional arrows. The CPU (21) is connected to a light source (6) and a speaker (7) via unidirectional arrows. The D/A and A/D converter (22a/22b) is connected to a sensor assembly (19a/19b) via four unidirectional arrows labeled X_IN, Y_IN, X_OUT, and Y_OUT. The sensor assembly (19a/19b) is shown as a stack of layers with a sensor element (19a) and a substrate (19b).

Fig. 4

C

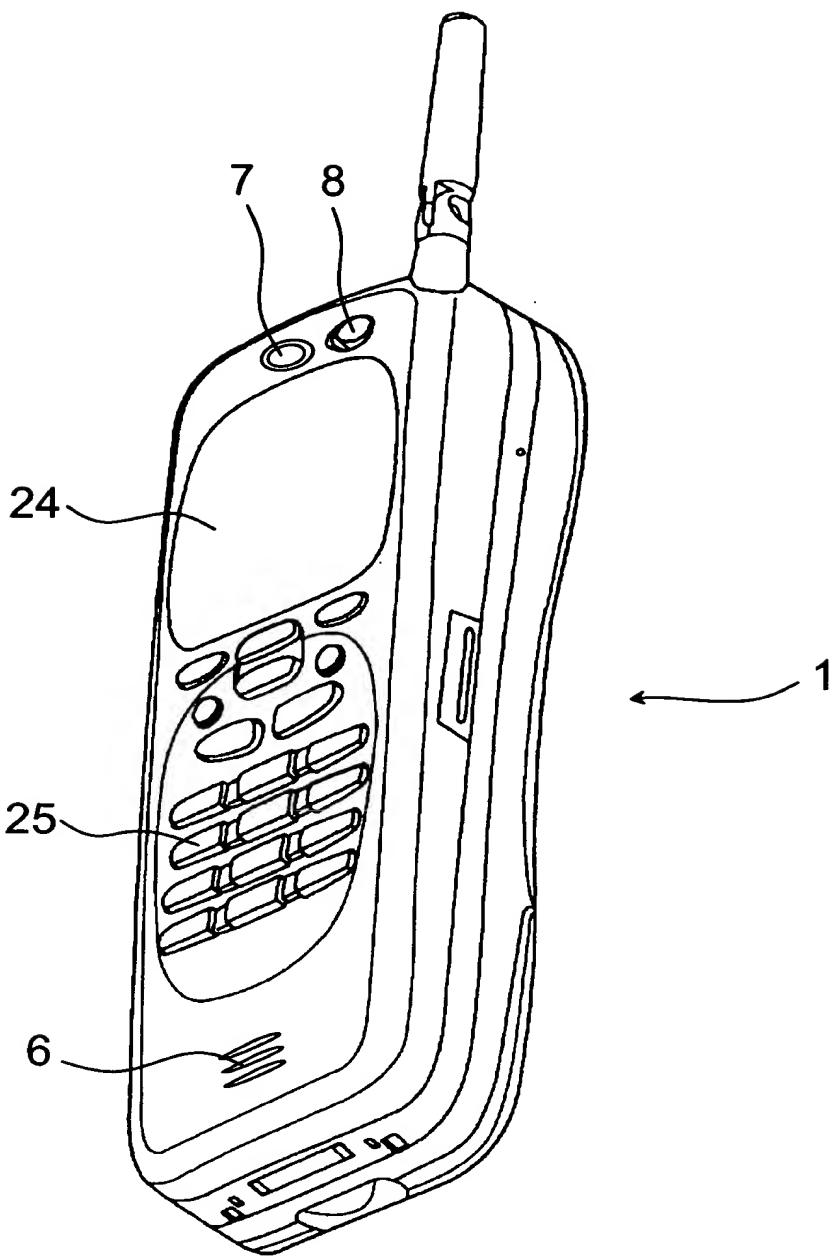


Fig. 6